

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-36. (Canceled)

37. (Currently Amended) A code division multiple access (CDMA) subscriber unit comprising:

a wireless transceiver configured to transmit digital signal over a CDMA reverse channel, and the wireless transceiver further configured to ~~and receive digital signal signals with a base station over a CDMA forward code division multiple access (CDMA) channel,~~ the CDMA forward channel having a plurality of subchannels with an assigned orthogonal code to each of the plurality of subchannels; ~~and~~

a bandwidth manager, ~~coupled to the wireless transceiver,~~ configured to receive a time slot assignment ~~from the base station over the CDMA forward~~ channel, wherein the time slot assignment is used for uplink transmissions during an idle mode only;

the wireless transceiver configured to transmit an idle mode signal over the CDMA reverse channel ~~to the base station,~~ the idle mode signal based on the time slot assignment on a condition that ~~when the wireless transceiver is powered on but not actively transmitting data to maintain timing alignment;~~ and

~~wherein the~~ wireless transceiver is further configured to alternate idle mode signal alternates between sending bits and not sending bits in time slots while in

the idle mode.

38-41. (Canceled).

42. (Currently Amended) The CDMA subscriber unit of claim 37 wherein the bandwidth manager is further configured to receive an updated time slot assignment over the CDMA forward channel for transmission of a subsequent idle mode signal.

43. (Currently Amended) A code division multiple access (CDMA) subscriber unit comprising:

a wireless transceiver configured to transmit digital signal over a CDMA reverse channel, and the wireless transceiver further configured to ~~and~~ receive digital signal ~~signals with a base station~~ over a CDMA forward channel, the CDMA forward channel having a plurality of subchannels with an assigned orthogonal code to each of the plurality of subchannels; wherein the digital signals include an idle mode signal;~~and~~

a bandwidth manager, ~~coupled to the wireless transceiver~~, configured to allocate subchannels on an as needed basis on a condition that ~~when~~ the wireless transceiver is actively transmitting data, and

receive a time slot assignment ~~from the base station~~ over the CDMA forward channel, wherein the time slot assignment is used for uplink transmissions during an idle mode only;

~~wherein~~ the wireless transceiver is further configured to transmit the idle mode signal over the CDMA reverse channel ~~to the base station~~ based on the time slot assignment on a condition that ~~when~~ the wireless transceiver is powered on but

not actively transmitting data to maintain timing alignment; and

~~wherein the wireless transceiver is further configured to alternate idle mode~~
~~signal alternates between sending bits and not sending bits in time slots~~ while in
the idle mode.

44-47. (Canceled)

48. (Currently Amended) The CDMA subscriber unit of claim 43 wherein the bandwidth manager is further configured to receive an updated time slot assignment over the CDMA forward channel for transmission of a subsequent idle mode signal.

49-67. (Canceled)

68. (Previously Presented) The CDMA subscriber unit of claim 37 wherein each of the time slots is 1.25 ms.

69. (Previously Presented) The CDMA subscriber unit of claim 43 wherein each of the time slots is 1.25 ms.

70. (New) The CDMA subscriber unit of claim 37 wherein the transceiver is further configured to request allocation of additional available orthogonal subchannels.

71. (New) The CDMA subscriber unit of claim 43 wherein the transceiver is further configured to request allocation of additional available orthogonal

Applicant: James A. Proctor, Jr.
Application No.: 09/997,732

subchannels.